



Coil Data

Nominal Power : 360mW

Contact Data

Contact Material : Ag alloy
Contact Rating : 1A : 15A 125V AC / 24V DC, 10A 250V AC
1C : 10A 120V AC / 24V DC, 6A 250V AC
TV-5
Max. Switching Voltage : 250V AC / 24V DC
Max. Switching Current : 15A
Max. Switching Power : 1,800VA, 360W
Min. Switching Load : 5V DC, 100mA
Contact Resistance : Max. 50m Ω (6V DC 1A)

Life

Electrical : 100,000 operations
Mechanical : 10,000,000 operations

General Data

Insulation Resistance : Min. 1,000mW 500V DC
Dielectric Strength : 750V AC, 1 min. between open contacts
1,500V AC, 1 min. between coil and contacts
Operate Time : Max. 10ms
Release Time : Max. 5ms
Operate Temperature : -30°C to +85°C

Shock Resistance

Endurance : 1,000m/s²
Mis-operation : 100m/s²

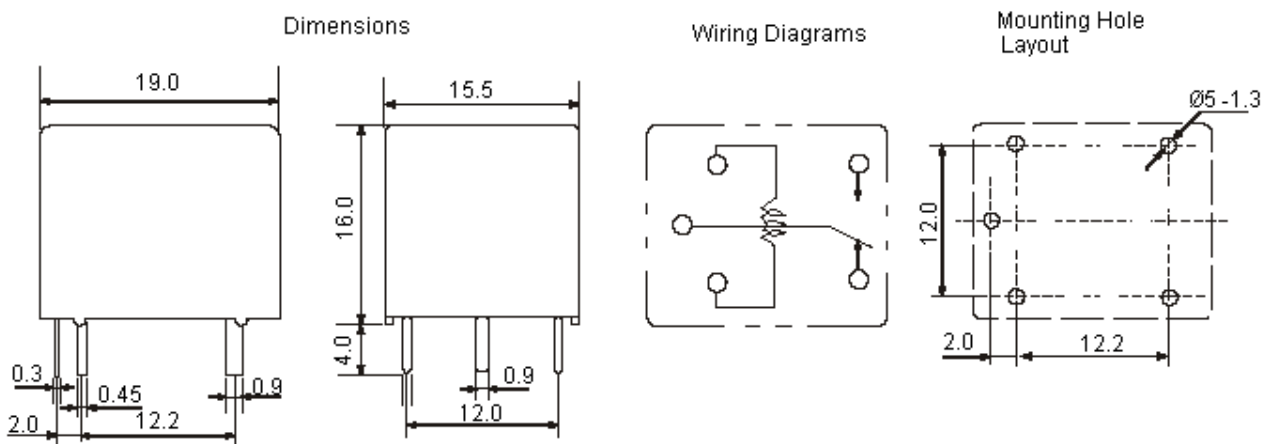
Vibration Resistance

Endurance : 10 to 55Hz, 1.5mm double amplitude
Mis-operation : 10 to 50Hz, 1.5mm double amplitude
Humidity : 35% to 95% RH, +40°C
Weight : Approximately 10g

Coil Data Chart

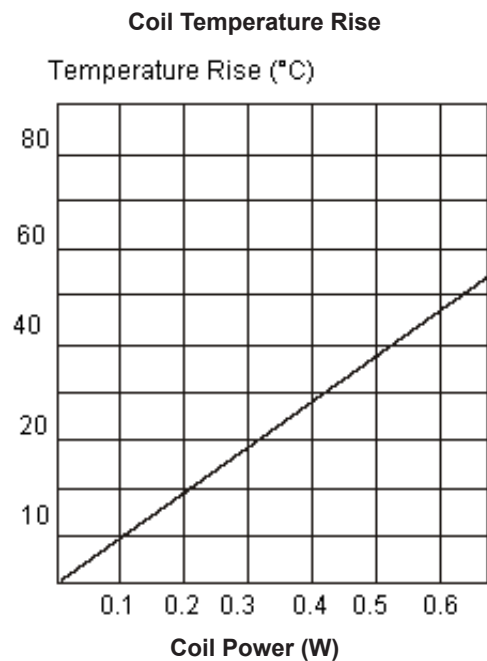
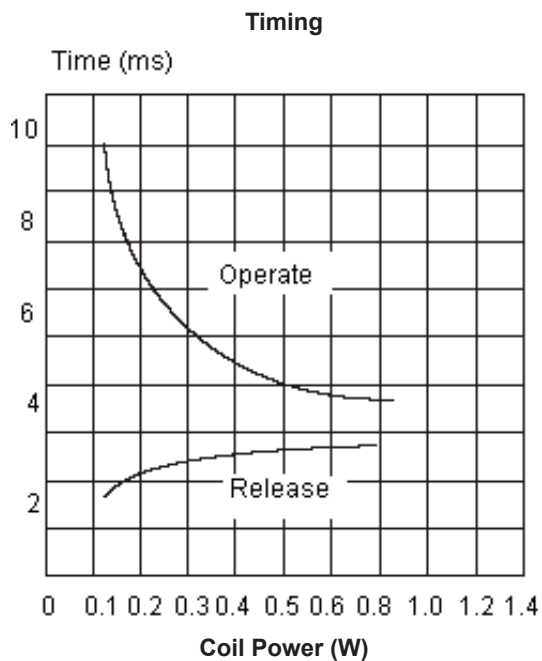
Nominal Voltage V DC	Coil Resistance W $\pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Contact Form	Part Number
12	400	8.4	1.2	360	1 Form C	MC25138
24	1,600	16.8	2.4			MC25139

Dimensions

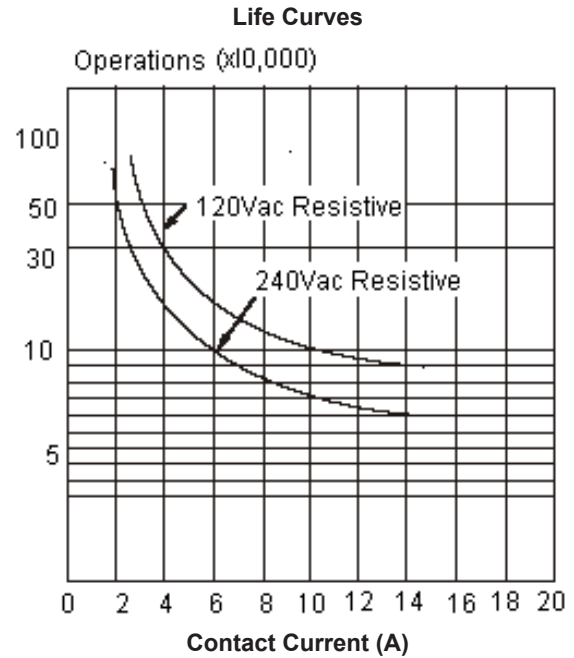
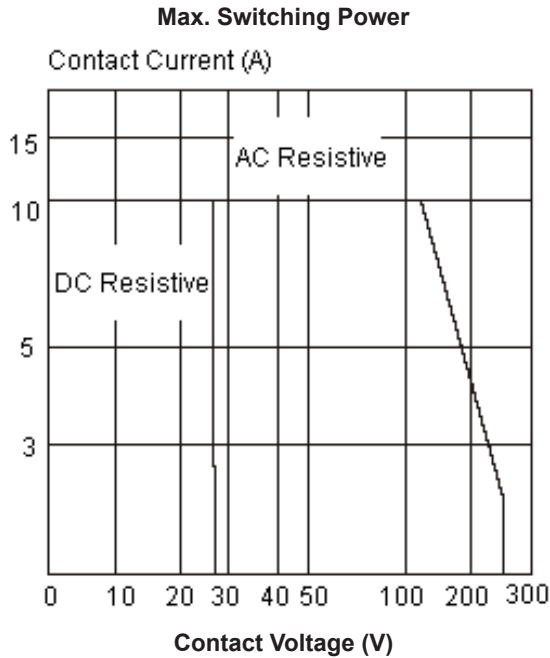


Dimensions : Millimetres

Characteristic Chart Data



Characteristic Chart Data



Part Number Table

Description	Part Number
General Purpose Relay, Power, SPDT, 12V DC, 10A	MC25138
General Purpose Relay, Power, SPDT, 24V DC, 10A	MC25139

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